Glycidyl methacrylate (GMA)

2-Hydroxyethyl methacrylate (HEMA)

## FIG. 1

Ethylene dimethacrylate (EDMA)

2,3-dihydroxybutane-1,4-diyl dimethacrylate (DHDM)

## FIG. 2

$$\bigvee_{N}^{O} \bigvee_{N}^{O-N}$$

N-(methacryloyl) aminocaproic acid N-hydroxy succinimide ether (I)

4-isothiocyanate-N-(methacryloyl) benzylamine (II)

## FIG. 3

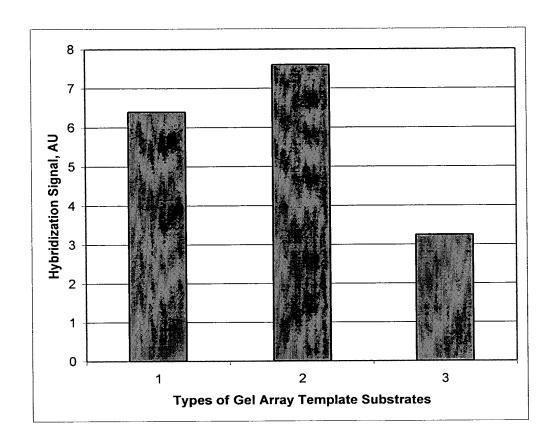
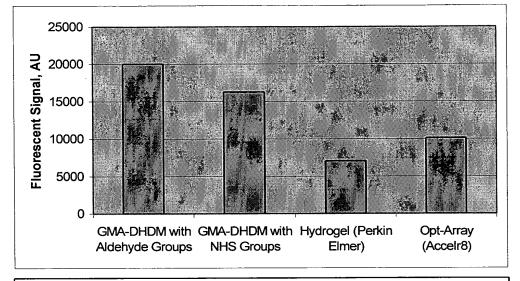


FIG. 4





B

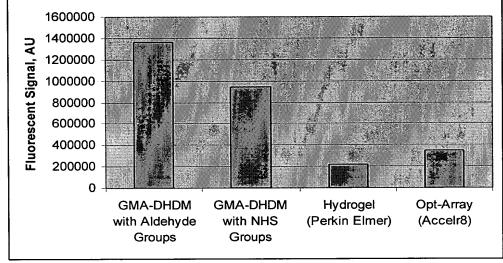


FIG. 5

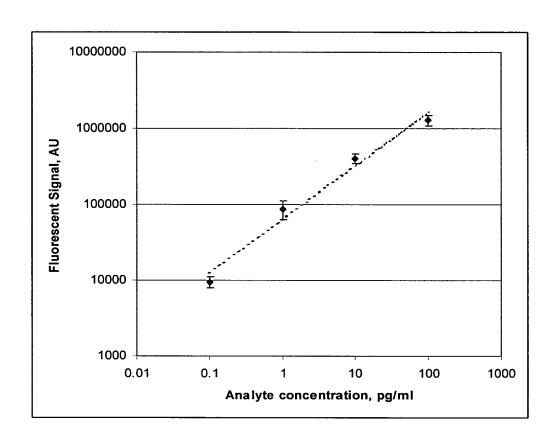


FIG. 6

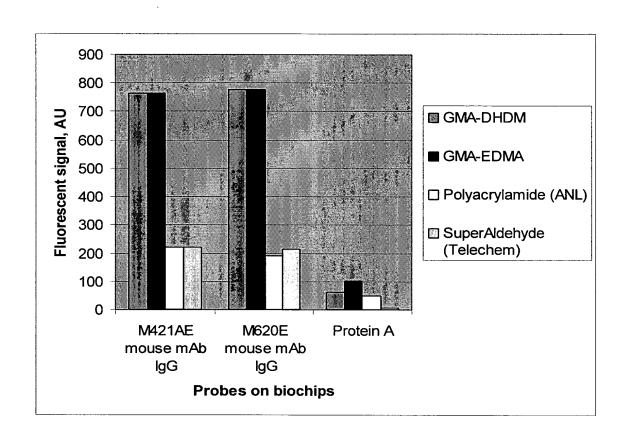


FIG. 7